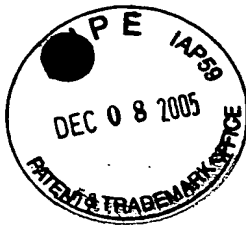


40182-99604



12/18/05 PCT/PTO 08 DEC 2005  
PCT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the application of : Joachim Fouret  
Serial No. : 10/537,104  
For: : Narrowband Detector  
Filed : June 1, 2005  
Customer No. : 23644

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 6, 2005.

Name of person signing: Minnie Wilson

Signature: Minnie Wilson

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**

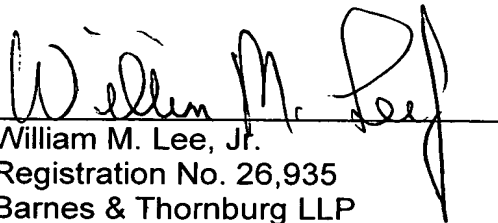
Honorable Director of Patents and Trademarks  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The notice mailed November 18, 2005 is clearly in error, since the Patent and Trademark Office has received the Declaration for this application on November 7, 2005. Attached hereto is a copy of the erroneous notification, as well as copies of the papers received by the Patent and Trademark Office and a copy of the returned post card receipt of the firm of the undersigned showing that receipt.

December 5, 2005

Respectfully submitted,



William M. Lee, Jr.

Registration No. 26,935  
Barnes & Thornburg LLP  
P.O. Box 2786  
Chicago IL 60690-2786  
(312) 214-4800  
Fax (312) 759-5646



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.

10/537,104

FIRST NAMED APPLICANT

Joachim Fouret

ATTY. DOCKET NO.

99604

INTERNATIONAL APPLICATION NO.

PCT/GB02/05487

I.A. FILING DATE

12/05/2002

PRIORITY DATE

12/06/2001

23644  
 BARNES & THORNBURG, LLP  
 P.O. BOX 2786  
 CHICAGO, IL 60690-2786

RECEIVED

NOV 22 2005

BARNES &amp; THORNBURG

CONFIRMATION NO. 1203

371 FORMALITIES LETTER



\*OC000000017484533\*

Date Mailed: 11/18/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 06/01/2005
- Copy of the International Search Report filed on 06/01/2005
- Preliminary Amendments filed on 06/01/2005
- Small Entity Statement filed on 06/01/2005
- Copy of references cited in ISR filed on 06/01/2005
- U.S. Basic National Fees filed on 06/01/2005
- Priority Documents filed on 06/01/2005

DOCKETED

FOR: N RegDue Date: 11/18/06

Final Date: \_\_\_\_\_

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

DEBORAH D WILLIAMS

Telephone: (703) 308-9140 EXT 205

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/537,104	PCT/GB02/05487	99604

FORM PCT/DO/EO/905 (371 Formalities Notice)

J006 Rec'd PCT/PTO 07 NOV 2005

CASE NO. 40182-99604  
Applicant: Joachim Fouret  
Serial No. 10/537,104  
Filed: June 1, 2005  
For: Narrowband Detector  
Customer Number: 23644

MAILING DATE: NOVEMBER 3, 2005

1. Transmittal Letter To the United States  
Designated/Elected Office (DO/EQUS)

2. Declaration

3. Check \$65.00 - No. 130746

4. Certificate of Mailing

J006 Rec'd PCT/PTO 07 NOV 2005

WMLR:mw



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NOV 14 2005

BARNES & THORNBURG

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CHECK NO: 130746

VOUCHER	INVOICE #	DATE	INVOICE DESCRIPTION	INVOICE AMT	AMOUNT PAID
423562	40182-99604 WJR	06-08-05	Late Filing of Declaration - 40182/99604 - WJR	65.00	65.00

CHECK DATE  
06/10/05

**BARNES & THORNBURG LLP**  
600 1st Source Bank Center  
100 N. Michigan  
South Bend, IN 46601

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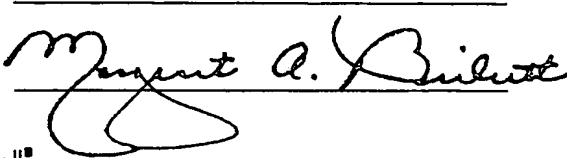
CHECK AMOUNT

\$ 65.00

SIXTY-FIVE AND 00/100 Dollars

PAY  
TO THE  
ORDER OF

Commissioner for Patents



⑈ 130746 ⑈ ⑆071212128⑆ 113 665 ⑈ ⑆⑈

ATTORNEY'S DOCKET NUMBER

40182-99604

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/537,104

INTERNATIONAL APPLICATION NO.  
PCT/GB02/05487

INTERNATIONAL FILING DATE  
December 5, 2002

PRIORITY DATE CLAIMED  
December 6, 2001

TITLE OF INVENTION

Narrowband Detector

APPLICANT(S) FOR DO/EO/US

Joachim Fouret

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☐ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☐ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☒ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☐ Express Mail Label No.
23. ☐ Other items or information:

U.S. APPLICATION NO (if known, see 37 CFR 1.5) <b>10/537,104</b>		INTERNATIONAL APPLICATION NO. <b>PCT/GB02/05487</b>		ATTORNEY'S DOCKET NUMBER <b>40182-99604</b>	
The following fees are submitted:				CALCULATIONS	PTO USE
24. <input type="checkbox"/> Basic national fee		\$300	\$	\$0.00	
25. <input type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4). All other situations.		\$100 \$200	\$	\$0.00	
26. <input type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority International Search Report prepared and provided to the Office All other situations.		\$100 \$400 \$500	\$	\$0.00	
TOTAL OF 24, 25 and 26 =			\$	\$0.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE		
- 100 =	0	/50 =	0	x \$250.00	\$ \$0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).			\$	\$130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	- 20 =	0	x \$50.00	\$	\$0.00
Independent claims	- 3 =	0	x \$200.00	\$	\$0.00
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00			\$	\$0.00	
TOTAL OF ABOVE CALCULATIONS =			\$	\$130.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.			\$	\$65.00	
SUBTOTAL =			\$	\$65.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).			\$	\$0.00	
TOTAL NATIONAL FEE =			\$	\$65.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +			\$	\$40.00	
TOTAL FEES ENCLOSED =			\$	\$105.00	
			Amount to be	\$	
			Amount to be	\$	

a. ☒ A check in the amount of \$ **\$105.00** to cover the above fees is enclosed.

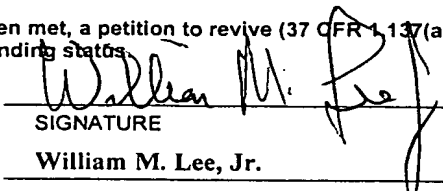
b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **12-0913**. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:  
Barnes & Thornburg LLP  
P.O. Box 2786  
Chicago, Illinois 60690-2786

  
 SIGNATURE  
 William M. Lee, Jr.  
 NAME  
 26,935  
 REGISTRATION NUMBER

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION</b>  (37 CFR 1.63)  <input type="checkbox"/> Declaration Submitted with Initial Filing      OR <input checked="" type="checkbox"/> Declaration Submitted After Initial Filing surcharge) (37 CFR 1.6(e))	ATTORNEY DOCKET NUMBER	40182-99604
	FIRST NAMED INVENTOR:	Joachim Fouret
	<b>COMPLETE IF KNOWN</b>	
	Application Number	10/537,104
	Filing Date	
	Art Unit	
Examiner Name		

## I HEREBY DECLARE THAT:

Each inventor's residence, mailing address, and citizenship are as stated below next to my name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Narrowband Detector

(Title of Invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) 12/05/2002 as United States Application Number or PCT International

Application Number PCT/GB02/05487 amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	COUNTRY	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached	
				YES	NO
PCT/GB02/05487	International	December 5, 2002	<input type="checkbox"/>	<input type="checkbox"/>	X
0129217.6	Great Britain	December 6, 2001	<input type="checkbox"/>	<input type="checkbox"/>	X
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

# DECLARATION - Utility or Design Patent Application

Direct all correspondence to: ☒ Customer Number 23644 or ☐ Correspondence address below

NAME

ADDRESS

CITY

STATE

ZIP

COUNTRY

TELEPHONE

FAX

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR

☐ A petition has been filed for this unsigned inventor

Given Name  
(first and middle [if any]) Joachim

Family Name  
or Surname Fouret

Inventor's  
Signature

Date: 28/06/2005

Residence: Great Britain

State:

Country: Great Britain

Citizenship: Great Britain

Mailing Address: Ground Floor, 131 St.  
Thomas Road 6, RUE DESCARTES  
92120 MONTRouGE

City: London

State:

Zip: N4-2QJ

Country: Great Britain FRANCE

NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name  
(first and middle [if any])

Family Name  
or Surname I

Inventor's  
Signature

Date:

Residence:

State:

Country:

Citizenship

Mailing Address

City

State

Zip

Country

☐ Additional inventors or a legal representative are being named on 1 supplemental sheet(s) PTO/SB/02A or 02LR are attached

DOCKET NO. 40182 - 99604  
CUSTOMER NO. 23644

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of:

Joachim Fouret

Serial No.: 10/537,104

Filed: 6-1-05

Title: Narrowband Detector

)  
)  
)  
)  
) Group Art Unit:  
)  
)  
) Examiner:  
)  
)  
)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**POWER OF ATTORNEY FOR  
PATENT APPLICATION**

Tecteon Plc, a United Kingdom corporation having principal offices at:

**Second floor  
19/20, Grosvenor Street  
London W1K 4QH  
United Kingdom**

the owner by assignment of the entire right, title and interest to the invention for Narrowband Detector, and in and to the application for patent and any Letters Patent, whether domestic or foreign, that may issue thereon, by virtue of the assignment (check as applicable)

- ☒ Recorded Concurrently Herewith  
☐ Recorded on \_\_\_\_\_  
☐ Recorded at Reel \_\_\_\_\_ Frame \_\_\_\_\_  
☐ Copy Attached

hereby appoints the attorneys and/or agents associated with Customer Number 23644 to prosecute this application and transact all business in the Patent and Trademark Office connected therewith as its attorneys with full power of substitution and revocation, to prosecute all domestic and foreign patent applications, including PCT and EPO filings, relating to said invention and to transact all business connected therewith, including signing of all papers on its behalf and making alterations and amendments.